

Project Title	Funding	Strategic Plan Objective	Institution
Understanding brain disorders related to the 15q11.2 chromosomal region	\$250,000	Q4.S.B	Johns Hopkins University
Treatment of Medical Conditions among Individuals with Autism Spectrum Disorders	\$528,903	Q2.S.E	National Institutes of Health
The Role of Glia in Fragile X Syndrome	\$0	Q2.S.D	Johns Hopkins University
The Cognitive Neuroscience of Autism Spectrum Disorders	\$1,125,989	Q2.Other	National Institutes of Health
Thalamocortical circuit defects in developmental brain disorders	\$490,462	Q2.S.D	University of Maryland
Tempus Dynamics, LLC	\$209,819	Q7.N	Tempus Dynamics, LLC
SUPPORT THE ONGOING OPERATIONS OF THE NATIONAL DATABASE FOR AUTISM RESEARCH - NDAR	\$4,343,675	Q7.H	OMNITEC SOLUTIONS, INC.
Studies of genetic and metabolic disorders, autism and premature aging	\$34,275	Q4.S.B	National Institutes of Health
Sequencing Female-enriched Multiplex Autism Families (FEMFs)	\$0	Q3.L.B	Johns Hopkins University
Roles of Oxytocin and Vasopressin in Brain	\$1,866,157	Q4.S.B	National Institutes of Health
Role of somatic mosaicism in autism, schizophrenia, and bipolar disorder brain	\$619,801	Q2.S.G	HUGO W. MOSER RES INST KENNEDY KRIEGER
Role of LIN28/let-7 axis in autism	\$62,500	Q2.Other	Johns Hopkins University
Risk factors, comorbid conditions, and epidemiology of autism in children	\$0	Q3.S.H	Henry M. Jackson Foundation
Regulation of Neuroligins and Effects on Synapse Number and Function	\$995,177	Q2.Other	National Institutes of Health
Psychiatric Crisis among Youth and Transition-age Adults with Autism Spectrum Disorder	\$37,460	Q4.S.H	HUGO W. MOSER RES INST KENNEDY KRIEGER
Prospective Evaluation of Air Pollution, Cognition, and Autism from Birth Onward	\$582,831	Q3.S.H	Johns Hopkins University
Probing the Molecular Mechanisms Underlying Autism: Examination of Dysregulated Protein Synthesis	\$0	Q2.S.D	National Institutes of Health
PEDIATRIC BRAIN IMAGING	\$1,507,456	Q2.L.A	National Institutes of Health
Parental Exposures to Occupational Asthmagens and Risk of Autism Spectrum Disorders	\$0	Q3.S.H	Johns Hopkins University
OFFICE OF THE SCIENTIFIC DIRECTOR	\$10,231,675	Q7.Other	National Institutes of Health
Multimodal Characterization of the Brain Phenotype in Children with Duplication of the 7q11.23 Williams Syndrome Chromosomal Region: A Well-defined Genetic Model for Autism	\$0	Q2.S.G	National Institutes of Health
Mechanisms of Valproic Acid-Induced Neurodevelopmental and Behavioral Defects	\$310,549	Q3.S.J	University of Maryland
Master's of Education (Med) in Severe Disabilities: ASD, A Low Incidence Disability	\$249,999	Q5.Other	University of Maryland
LEARNING AND PLASTICITY IN THE HUMAN BRAIN	\$339,183	Q2.Other	National Institutes of Health

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Interactive Autism Network Core and Simons Simplex Collection Registry	\$702,992	Q7.C	HUGO W. MOSER RES INST KENNEDY KRIEGER
Interactive Autism Network	\$1,680,006	Q7.C	HUGO W. MOSER RES INST KENNEDY KRIEGER
INFANT SCREENING OF EARLY COMMUNICATION RISK: THE CISS; PHASE II	\$280,968	Q1.S.B	PAUL H. BROOKES PUBLISHING COMPANY, INC.
Improving Part C services and outcomes for underserved children with ASD	\$299,981	Q5.L.C	HUGO W. MOSER RES INST KENNEDY KRIEGER
Improving Accuracy and Accessibility of Early Autism Screening	\$796,060	Q1.S.B	TOTAL CHILD HEALTH, INC.
Impacts and State utilization of HCBS waiver services for families and children with autism	\$0	Q5.S.A	Towson University
How autism affects speech understanding in multitaler environments	\$0	Q2.Other	University of Maryland
Genome-wide examination of DNA methylation in autism	\$0	Q3.S.J	Johns Hopkins University
Genetic Epidemiology of Complex Traits	\$747,204	Q3.L.B	National Institutes of Health
FUNCTIONAL AND STRUCTURAL OPTICAL BRAIN IMAGING	\$682,022	Q2.Other	National Institutes of Health
FUNCTIONAL ANATOMY OF FACE PROCESSING IN THE PRIMATE BRAIN	\$1,695,557	Q2.Other	National Institutes of Health
Functional analysis of the Schizophrenia and Autism Spectrum Disorder gene TCF4 i	\$457,500	Q4.S.B	LIEBER INSTITUTE, INC.
Evaluation of the START Crisis Prevention and Intervention Program	\$43,120	Q4.L.D	Johns Hopkins University
Epigenetic Regulation of Gene Expression and DNA Methylation Associated with Autism Spectrum Disorders	\$30,000	Q3.S.J	Johns Hopkins University
Enhancing Augmentative and Alternative Communication Speed and Accuracy	\$899,985	Q4.L.D	Speak Agent
Enhancing Augmentative and Alternative Communication Rates in pre-K Through 6	\$0	Q4.L.D	Speak Agent
Effects of self-generated experiences on social cognitive development in young children with autism	\$0	Q4.S.F	Kennedy Krieger Institute
EEG-Based Assessment of Functional Connectivity in Autism	\$175,176	Q2.Other	HUGO W. MOSER RES INST KENNEDY KRIEGER
Dysregulation of Protein Synthesis in Fragile X Syndrome and Other Developmental Disorders	\$1,221,847	Q2.S.D	National Institutes of Health
Dynamic regulation of Shank3 and ASD	\$612,287	Q2.Other	Johns Hopkins University
Direct Examination of Imitation-Based Learning in Autism	\$161,600	Q2.Other	HUGO W. MOSER RES INST KENNEDY KRIEGER
Development of auditory circuits in mouse models of autism	\$54,194	Q2.Other	University of Maryland

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Development of a social and communication intervention for preschoolers with autism	\$0	Q4.L.D	Kennedy Krieger Institute
DEVELOPING NEW STATISTICAL METHODS TO DETECT RARE VARIANTS INVOLVED IN NEUROPSYCHIATRIC DISORDERS	\$433,800	Q3.L.B	National Institutes of Health
Deep Brain Stimulation for Autistic Self-Injurious Behavior	\$0	Q4.S.B	Johns Hopkins University
Consortium on Biomarker and Outcome Measures of Social Impairment for Use in Clinical Trials in Autism Spectrum Disorder	\$0	Q1.L.A	Foundation for the National Institutes of Health
Community-based study of autism spectrum disorders among 7-9 y old children in rural Bangladesh	\$0	Q3.L.D	Johns Hopkins University
Clinical and Behavioral Phenotyping of Autism and Related Disorders	\$1,939,310	Q1.L.B	National Institutes of Health
CIRCADIAN RHYTHMS IN CHILDREN WITH ASD AND THEIR INFANT SIBLINGS	\$0	Q2.S.E	Naval Medical Research Center
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - Maryland	\$1,175,000	Q3.L.D	Johns Hopkins University
BRAIN MECHANISMS OF AFFECTIVE LANGUAGE COMPREHENSION IN AUTISM SPECTRUM DISORDERS	\$0	Q2.Other	University of Maryland
Autism and Developmental Disabilities Monitoring (ADDM) Network - Maryland	\$450,000	Q7.I	Johns Hopkins University
Autism: Social and Communication Predictors in Siblings	\$653,284	Q1.L.A	HUGO W. MOSER RES INST KENNEDY KRIEGER
ATN Registry	\$727,295	Q7.Other	N/A
Assessing Preferences for Use of Clinical Data Among Individuals with IDD and Their Guardians	\$668,316	Q7.A	RESEARCH TRIANGLE INSTITUTE
A Prospective Birth Cohort Study on Pre- and Peri-natal Determinants of Autism Spectrum Disorders and Developmental Disabilities	\$499,997	Q3.S.H	Johns Hopkins University
A new non-human primate model for studying communicative behaviors	\$62,500	Q4.S.B	Johns Hopkins University
ANALYSIS OF CORTICAL FUNCTION	\$222,861	Q2.Other	National Institutes of Health
Accelerating autism research through the Interactive Autism Network	\$546,402	Q7.C	Kennedy Krieger Institute

